

# **NORTH AMERICA INTERNATIONAL PATENT OFFICE**

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**FAX TO :Kitov, Zeev**

**ART UNIT: 2836**

**JAN 28 2004**

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**OFFICIAL**

**FROM : Winston Hsu, PATENT AGENT, REG. NO. : 41,526**

**SUBJECT: SERIAL NO. : 09/682,827**

**RESPONSE TO OFFICE ACTION MAILED ON 10/28/2003**

**TOTAL PAGES:21 PAGES (INCLUDING COVER PAGE)**

**The hardcopy of this response will be sent to USPTO by Federal Express  
right away.**

**Winston Hsu 2004/01/28**

PTO/SB/97 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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each submitted paper.

APPLICATION NUMBER: 09/682,827

PAPERS INCLUDED:

(1) Transmittal Form	1 PAGE
(2) Fee Transmittal	1 PAGE
(3) Response to the Office Action	17 PAGES

Burden Hour Statement: This form is estimated to take 0.03 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

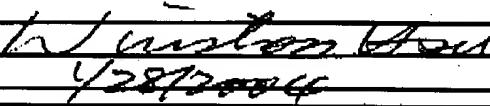
PTO/98/21 (08-03)

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/662,627	
		Filing Date	10/23/2001	
		First Named Inventor	Ming-Dou Ker	
		Art Unit	2898	
		Examiner Name	Kloov, Zeev	
Total Number of Pages in This Submission		18	Attorney Docket Number	NAUPO324USA

<b>ENCLOSURES</b> <i>(Check all that apply)</i>																																				
<table border="0"> <tr> <td><input checked="" type="checkbox"/> Fee Transmitted Form</td> <td><input type="checkbox"/> Drawing(s)</td> <td><input type="checkbox"/> After Allowance communication to Technology Center (TC)</td> </tr> <tr> <td><input type="checkbox"/> Fee Attached</td> <td><input type="checkbox"/> Licensing-related Papers</td> <td><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences</td> </tr> <tr> <td><input checked="" type="checkbox"/> Amendment/Reply</td> <td><input type="checkbox"/> Petition</td> <td><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)</td> </tr> <tr> <td><input type="checkbox"/> After Final</td> <td><input type="checkbox"/> Petition to Convert to a Provisional Application</td> <td><input type="checkbox"/> Proprietary Information</td> </tr> <tr> <td><input type="checkbox"/> Affidavits/declaration(s)</td> <td><input type="checkbox"/> Power of Attorney, Revocation</td> <td><input type="checkbox"/> Status Letter</td> </tr> <tr> <td><input type="checkbox"/> Extension of Time Request</td> <td><input type="checkbox"/> Change of Correspondence Address</td> <td><input type="checkbox"/> Other Enclosure(s) (please identify below):</td> </tr> <tr> <td><input type="checkbox"/> Express Abandonment Request</td> <td><input type="checkbox"/> Terminal Disclaimer</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Information Disclosure Statement</td> <td><input type="checkbox"/> Request for Refund</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Certified Copy of Priority Document(s)</td> <td><input type="checkbox"/> CD, Number of CD(s)</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Response to Missing Parts/Incomplete Application</td> <td></td> <td>Remarks</td> </tr> <tr> <td><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53</td> <td></td> <td>Response to the office action has been sent to the examiner by fax on 01/26/2004</td> </tr> </table>				<input checked="" type="checkbox"/> Fee Transmitted Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)	<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences	<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)	<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information	<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter	<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):	<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer		<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund		<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)		<input type="checkbox"/> Response to Missing Parts/Incomplete Application		Remarks	<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		Response to the office action has been sent to the examiner by fax on 01/26/2004
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<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>	
Firm or individual name	Winston Hsu, Reg. No.: 41,526
Signature	
Date	4/28/2004

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Signature		Date

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PTO/SB/17 (10-03)

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 0.00)

## Complete If Known

Application Number	09/662,827
Filing Date	10/23/2001
First Named Inventor	Ming-Dou Ker
Examiner Name	Kitov, Zeev
Art Unit	2838
Attorney Docket No.	NAUP0324USA

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number 50-0801  
Deposit Account Name North America International Patent Office

The Director is authorized to: (check all that apply)  
 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee			
1002 340	2002 170	Design filing fee			
1003 530	2003 255	Plant filing fee			
1004 770	2004 388	Reissue filing fee			
1005 180	2005 80	Provisional filing fee			
SUBTOTAL (1) (\$ 0.00)					

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims below	Fee from below	Fee Paid
			-20** =		
			-3** =		

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20			
1201 86	2201 43	Independent claims in excess of 3			
1203 290	2203 145	Multiple dependent claim, if not paid			
1204 86	2204 43	** Reissue independent claims over original patent			
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$ 0.00)					

For number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

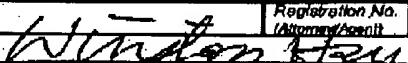
## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath			
1062 60	2062 25	Surcharge - late provisional filing fee or cover sheet			
1063 130	1053 130	Non-English specification			
1812 2,520	1812 2,520	For filing a request for ex parte reexamination			
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action			
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action			
1251 110	2251 65	Extension for reply within first month			
1262 420	2262 210	Extension for reply within second month			
1263 950	2253 475	Extension for reply within third month			
1254 1,480	2254 740	Extension for reply within fourth month			
1265 2,010	2265 1,005	Extension for reply within fifth month			
1401 330	2401 165	Notice of Appeal			
1402 330	2402 165	Filing a brief in support of an appeal			
1403 260	2403 145	Request for oral hearing			
1451 1,610	1461 1,610	Petition to institute a public use proceeding			
1462 110	2452 65	Petition to revive - unavoidable			
1453 1,330	2453 665	Petition to revive - unintentional			
1601 1,330	2501 665	Utility issue fee (or reissue)			
1602 480	2502 240	Design issue fee			
1603 640	2603 320	Plant issue fee			
1460 130	1460 130	Petitions to the Commissioner			
1807 60	1807 60	Processing fee under 37 CFR 1.17(a)			
1808 180	1808 180	Submission of Information Disclosure Stmt			
6021 40	5021 40	Recording each patent assignment per property (times number of properties)			
1809 770	2809 386	Filing a submission after final rejection (37 CFR 1.128(e))			
1810 770	2810 386	For each additional invention to be examined (37 CFR 1.128(b))			
1801 770	2801 386	Request for Continued Examination (RCE)			
1802 800	1802 800	Request for expedited examination of a design application			

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY		(Complete if applicable)		
Name (Print/Type)	Winston Hsu	Registration No. (Attorney/agent)	41,526	Telephone 886289237350
Signature		Date	1/28/2004	

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**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ming-Dou Ker Examiner: Kitov, Zeev  
5 Tung-Yang Chen  
Tien-Hao Tang  
Filing Date: 10/23/2001 Art Unit: 2836  
App. No.: 09/682,827 Docket No.: NAUPO324USA

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JAN 28 2004

10 Title: ON-CHIP ESD PROTECTION CIRCUIT WITH A  
SUBSTRATE-TRIGGERED SCR DEVICE

To: Commissioner for Patents  
P.O. Box 1450  
Washington, D.C. 20231-1450

15 Alexandria VA 22313-1450

Subject: Response to the Office action dated  
10/28/2003

20 Dear Sir or Madame:

## INTRODUCTORY COMMENTS

In response to the Office action identified above, the above-identified application is to be amended as indicated in the following sections. Consideration of all amendments is politely requested.

# OFFICIAL